

CLAIMS

What is claimed is:

1. A system for enabling updates to applications on a running application
server without requiring a server restart, the system comprising:
 - 5 an application server that services an application for one or more
clients;
 - a deployer that coordinates an update to the application with the
application server, the deployer further comprising:
 - 10 a configuration file that assigns a priority to the
update and pushes the update to the
application sever based, at least in part,
upon the assigned priority.
2. The system of claim 1 further comprising:
 - 15 a duplicate application storage space that communicates with the
deployer, wherein the update to the application is first
performed on the duplicate application storage space.
3. A method for updating an application on an application server wherein
20 the update to the application is accomplished without the need for an
application server restart, the method comprising:

polling a storage location with a deployer to notice the presence
of an update, and when an update is noticed;
signaling an application server that the update is present;
determining a priority for the update;
5 deciding whether to proceed with the update based, at least in
part on the priority for the update, and if the decision is to
proceed;
adjusting the application so that the update may proceed;
updating the application; and
10 signaling the application server when the update is complete.

4. The method of claim 3 wherein the step of determining a priority for the
update further comprises:

reading the priority assigned to the update by the deployer,
15 wherein the assigned priority is based, at least in part,
upon a predetermined configuration.

5. A deployer that coordinates an update to an application running on an
application server, the deployer comprising:

20 a configuration file that assigns a priority to the update and
pushes the update to the application sever based, at least
in part, upon the assigned priority.

6. The deployer of claim 5 further comprising:

a poller to poll a storage location and determine whether
modified application files exist.

5 7. The deployer of claim 5 further comprising:

a signaler to signal the application server when the update is
complete.

10 8. A system for enabling updates to applications on a running application
server without requiring a server restart, the system comprising:

application server means for serving an application for one or
more clients;

deployer means for coordinating an update to the application
with the application server means, the deployer means
further comprising:

configuration file means for assigning a priority to
the update and pushing the update to the
application sever means based, at least in
part, upon the assigned priority.

20

9. The system of claim 8 further comprising:

duplicate application storage means for communicating with the
deployer means, wherein the update to the application is

first performed on the duplicate application storage means.

10. A processor readable medium, having processor readable code
embodied thereon, that causes a processor to update an application on an
application server wherein the update to the application is accomplished
without the need for an application server restart, the processor readable
medium comprising:

processor readable code for polling a storage location with a
deployer to notice the presence of an update, and when an
update is noticed;

signaling an application server that the update is present;

processor readable code for determining a priority for the update;

processor readable code for deciding whether to proceed with the

update based, at least in part on the priority for the
update, and if the decision is to proceed;

adjusting the application so that the update may proceed;

processor readable code for implementing the update to the
application; and

processor readable code for signaling the application server when
the update is complete.

11. The processor readable medium of claim 10 wherein the processor readable code for determining a priority for the update further comprises:

processor readable code for reading the priority assigned to the
update by the deployer, wherein the assigned priority is
based, at least in part, upon a predetermined
configuration.

5

12. Deployer means that coordinate an update to an application running on
an application server, the deployer means comprising:

10

configuration file means for assigning a priority to the update
and pushing the update to the application sever based, at
least in part, upon the assigned priority.

15

13. The deployer means of claim 12 further comprising:

polling means that polls a storage location and determines
whether modified application files exist.

14. The deployer means of claim 12 further comprising:

20

signaling means for signaling the application server when the
update is complete.